

EKRAMUL ISLAM SHADIK

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Email: shadik293@gmail.com

Mobile: +8801786120267



EXPERIENCE

Software Engineer I

Antripe (Python, Django, PostgreSQL, Celery, Channels, Docker)

Oct 2025 – Present

Remote

- Designing backend architecture and leading new feature development.
- Optimizing async pipelines with Celery, Redis, RabbitMQ.
- Mentoring junior engineers in Django, REST API design, and scalable backend architecture.

Backend Developer

Antripe (Python, Django, PostgreSQL, Celery, Docker)

Jun 2025 – Sep 2025

Remote

- Developed secure, scalable RESTful APIs and asynchronous services with Celery & Redis.
- Containerized and deployed apps using Docker with automated CI/CD workflows.

Research Assistant

Computer Vision Lab (Deep Learning, Python)

Jan 2024 – May 2025

University of Rajshahi

- Developed models for license plate detection and recognition in Bangladeshi vehicles & Applied neural networks for OCR on Bengali characters, achieving high recognition accuracy

TECHNICAL SKILLS

- **Languages:** C/C++, Java, Python
- **Frameworks & Libraries:** Django, DRF, Channels, Celery, Redis, RabbitMQ
- **Databases & Caching:** PostgreSQL, MySQL, Redis
- **DevOps & Monitoring:** Docker, Kubernetes, CI/CD, Prometheus, Grafana
- **Core:** OOP, DSA, Design Patterns, System Design, API Design

EDUCATION

University of Rajshahi

B.Sc. (Engg.) in Information and Communication Engineering

Rajshahi, Bangladesh

2019 – 2024

PROJECTS

Library Management System

Django, PostgreSQL, JavaScript

[Source Code](#)

- Built a full-featured library management platform with book cataloging, user roles, billing, and borrowing management.

Waste Management System

Django, React, PostgreSQL

[Source Code](#)

- Designed a waste management platform for route optimization, user request handling, and recycling analytics.

License Plate Recognition System

Python, Deep Learning, YOLO

- Implemented CNN-based detection and OCR models for Bangladeshi license plates with real-time performance.

ACHIEVEMENTS

- Ranked **13th** in Backend API Battle in Intra University Code Samurai Hackathon 2024
- **Finalist** – in Intra University Code Samurai Hackathon 2024 & Top 50 in SOLVIO AI Hackathon 2025
- Competed in **multiple IUPC contests**, solving advanced algorithmic and data structure problems.

GROUPS

- Assistant Joint Secretary, Rajshahi University Programming Club. Managed 6+ contests, mentored 50+ juniors in algorithms and problem-solving.